

Key to the Amphibian larvae of Southeastern Minnesota Jeff Parmelee

1. Body elongate, front limbs present from early stages, ext. gills... Tiger Salamander 2. Body and musculature of tail uniformly dark, very small (1.8-2.4cm)American Toad 5. High tail fins, top fin extending onto upper body, tail mottled with black usually a red tinge in life; narrow lower jaw, midventral marg. pap. biserial..... Medium tail fins, usually heavily mottled with a clear band adjacent to musculature. Large upper jaw, 3rd posterior tooth row short.......Spring Peeper Black-tipped tail, dorsum of tail musculature banded, body dorsolaterally flattened 6. Lacks mottling, clear tail fins, dorsal fin extending onto body (to 3cm), tail

musculature may be bicolored (dark dorsally), 3rd post, tooth row short... Chorus frog

Key to the Eggs of the Amphibians of Southeastern Minnesota Jeff Parmelee

1. Eggs in cylindrical strings	() <u>• • • • • • • • • • • • • • • • • • •</u>
Eggs in large cluster (>5cm diameter) or see Tiger salamander (5)	
Mass spherical, up to 11.5cm, egg diameter to 5.5mm, lots of clear jelly makes the eggs widely separated, usually attached to plants, may be free in water (early in year only)	
4. Large, wide floating mass, each egg small (<1mm)	
Eggs (10-12mm) single or in loose mass, fresh egg mass firm (6-7cm), older egg masses flimsy, small clumps of 18-110 eggs attached to vegetation near bottom of pond, in advanced eggs embryos will have limbs	
 Black eggs in a tight globular mass 10-16cm in diameter (ca. 6,000 eggs), near surface or several cm under water on vegetation or pond bottom Northern leopard frog Light brown eggs (cream beneath), slightly smaller than R. pipiens, deep or near surface globular mass attached to vegetation (2-3,000 eggs), 9-11cm diameter	 O
7. up to 20,000 eggs, single indistinct layer of jelly	7
8. Found earlier than mid-May	
9. Eggs single or small cluster (2-3 eggs) attached to grass, sticks, leaves in shallow water, little jelly	⊙ ∕*••••••••••••••••••••••••••••••••••••
10. Eggs single or clumps of 7-15 eggs attached to vegetation or surface, single jelly layer	